

REMARKS

Careful consideration has been given to the Official Action of September 13, 2002 and reconsideration of the application as amended is respectfully requested.

The Examiner has raised objection to the drawings since certain figures of the drawing consist of multiple illustrations. The Examiner has requested a proposed drawing correction to label each of the multiple drawings. Attached hereto are prints showing correction of the drawings to individually label the various drawing elements. Also the photographs have been designated as separate figures. The specification has been amended to refer to the amended drawings. Upon approval by the Examiner formal drawings will be submitted after a claim has been allowed.

The specification has also been amended to be in compliance with 37 CFR 1.77. This has involved presenting section headings aptly descriptive of the various sections of the specification. As now presented, the specification is believed to be free from objection.

An Abstract of the Disclosure has been submitted in compliance with 37 CFR 1.71(b).

Claims 1-32 have been cancelled and replaced claims 33-40. These claims are deemed to be in compliance with 37 CFR 112 and to be patentably distinct from the art which has been cited by the Examiner.

In particular, the Examiner has cited Goldwater in rejecting a number of claims under 35 U.S.C. § 102 and other claims under 35 U.S.C. § 103. It is respectfully submitted that Goldwater no longer is applicable to the claims insofar that the claims now call for a particular arrangement of the rotary structure which is distinguished over Goldwater, in particular, by the mounting of the rotary structure so that it has an open frame with a plurality of panels where the open frame is free for movement by being raised above the fixed structure and has a free lower edge. Furthermore, the system for pivotably moving the panels in synchronism between open and closed positions utilizing oscillatory stops and a panel aligning wire is not found in Goldwater.

Furthermore, Goldwater shows a heavy structure with individual activating generators by which the panels are supported by wheels on the fixed structure leading to high inefficiency and significant energy losses. There are four major distinctions between the present invention and Goldwater, namely:

(1) the generator is located outside the rotational axis where maximum torque is developed,

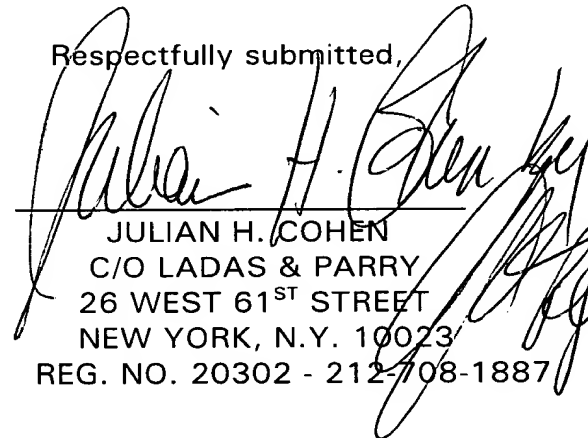
(2) the structure is heavy and loaded with wire mesh supported by perimeter wheels whose friction and weight decrease the developed power,

(3) the overhanging elements towards the resistant side of the axis (301 and 475) which decrease the opening and closing speeds of the vanes, and

(4) the impossibility of synchronizing the vanes due to the irregular shape of the frames.

For the above reasons is it respectfully submitted that the claims now presented are patentably distinct over Goldwater and favorable reconsideration of the application as amended is respectfully requested.

Respectfully submitted,


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Marked-up Copy of the Specification

Page 18, between the subheading and the first paragraph insert the following:

Fig. 1 is a plan view of a rotary element of a wind driven generator according to the invention.

Fig. 2 is an elevation view of the wind driven generator.

Fig. 3 is an elevation view of another embodiment of the wind driven generator.

Fig. 4 is a diagrammatic illustration of a floating marine generator according to the intention.

Fig. 5 is a diagrammatic illustration of a fixed marine generator according to the invention.

Fig. 6A shows a vane of the rotary element of the wind driven generator.

Fig. 6B is an exploded view of the vane.

Fig. 7A is an exploded view of a vane of another embodiment.

Figs. 7B-7F illustrate details of the vane assembly.

Fig. 8 is an elevation view showing details of the floating marine generator.

Figs. 9A-9F show further details of the marine generator.

Fig. 10 is an elevation view showing a detail of fixation of a wind driven generator.

Fig. 11 is an explanatory plan view of the rotary unit of the wind driven generator.

Fig. 12A is a perspective view of a vane assembly of the rotary unit.

Figs. 12B-12E show details of the vane assembly.

Fig. 13 is a diagrammatic illustration partly in section of a rotary support of the rotary unit.

Fig. 14A is an elevational view of the wind driven generator showing an additional impulser.

Figs. 14B-14C illustrate details of Fig. 14A.

Fig. 15A illustrates the wind driven generator attached to railway cars.

Fig. 15B illustrates the wind driven generator attached to an automobile.

Fig. 16A is a side view showing the wind driven generator attached to a ship.

Fig. 16B is a front view of Fig. 16A.

Fig. 17A illustrates the wind driven generator attached to an airship.

Figs. 17B-17D show details of Fig. 17A.

Fig. 18 is a perspective view of the generator orbiting in space.

Fig. 19 illustrates a plurality of tower-mounted wind driven generators.

Fig. 20 is a perspective view showing in detail a portion of the wind driven generator.

Fig. 21 is another perspective view of the wind driven generator.

6. DETAILED DESCRIPTION OF THE DRAWING

Page 30, amend paragraph 4 as follows:

[PHOTOGRAPH: No.1] FIGURE 20 - In this a view of a metallic structure

is seen against the background of the blue sky, showing an elevated structure on the right side of which is the fixed structure, formed by a triangular column, that on the left lower section, supports a beam, on which the rotary shaft of the rotary structure, is supported, and in the upper part is also supported by a similar beam, which cannot be seen because it is hidden by the vanes.

Page 31, amend paragraph 1 as follows:

[PHOTOGRAPH No. 2] FIGURE 21. A photograph taken from a greater distance that enables one to see a metallic column elevated from a structural roof to a third floor level, the photo being taken frontally, it is very similar to the previous one, and the panels are seen with the vanes on the left side aligned with the panel framework, in the center, the panel with the vanes perpendicular to the framework aligned with the wind, in the background to the right, the vanes in a very thin line, perpendicular to the framework. The panel facing the wind with closed vanes, cannot be seen because it is at the rear, hidden by the foreground.